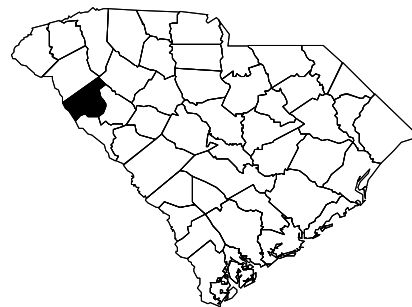


# IMPACT OF CHRONIC CONDITIONS ABBEVILLE County, 2002



In the year 2002, the leading causes of death among South Carolinians were heart disease, cancer, stroke, accidents, chronic lower respiratory disease, diabetes, Alzheimer's disease, pneumonia and influenza, nephritis, nephritic syndrome, nephrosis and septicemia. This report focuses on the chronic conditions of the population of Abbeville county, and is compared to the overall chronic conditions of the population of South Carolina as a whole.

The majority (36%) of the population in Abbeville county are between the ages of 18-44. The elderly population (15%) is slightly higher than the state (12%). Abbeville county's gender distribution is similar to the state's average, and its minority population (30%) is slightly lower compare to the state (32%). When adults in Abbeville county were asked about their general health status, 69% reported having excellent, very good, or good health in 2002 (SC was 83%).

	ABBEVILLE COUNTY	STATE
<b>Population size</b>	26,422	4,107,183
<b>Age distribution (%)</b>		
<18	24	24
18-44	36	40
45-64	25	24
65-84	13	11
85+	2	1
<b>Race (%)</b>		
White	70	68
Black & Other	30	32
<b>Sex (%)</b>		
Male	48	49
Female	52	51

In spite of the overall reports of good health given by the citizens of the Palmetto State, chronic conditions are still making an impact on the health of many South Carolinians. Through primary and secondary prevention we hope to reduce the risk factors that contribute to the major chronic diseases and leading causes of death among South Carolinians.

The chart below contains the risk factors that contribute to an increased risk of developing a chronic condition. These risk factors are related to the major causes of morbidity and mortality among South Carolinians. Some common behavioral risk factors that contribute to the leading causes of death are smoking, sedentary lifestyle, obesity, and high cholesterol. The prevalence of these risk factors from the 2002 South Carolina Behavioral Risk Factor Surveillance System (BRFSS) survey are listed in the table below for Abbeville County.

RISK FACTOR	COUNTY (%)	STATE (%)
Current smoking	26	27
Sedentary lifestyle	44	42
Overweight	57	60
High Cholesterol	8	8

Some preventive measures such as immunization were included in the 2002 SC BRFSS. For persons age 65 and older in South Carolina:

30.6% have not received the flu shot in the past 12 months

35.1% have never had the pneumonia vaccination

Hospital/ED data in the following tables include ONLY those cases treated in SC hospitals. Cases treated in hospitals outside of SC are NOT included.

HYPERTENSION	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	27.8	.	.	.	.	28.4
Number of hospitalizations	36	24	12	18	18	5,173
Standard rate of hospitalizations (per100,000)	126	309	53	142	111	125
Median age of hospitalized patients	68	58	78	63	68	63
Total cost of hospitalization (\$)	340,600	236,400	104,200	174,500	166,100	79,350,400
Average length of hospital stay (days)	3	3	4	3	3	5
Number of ED visits	72	44	28	29	43	7,306
Standard rate of ED visits (per100,000)	256	563	126	222	277	175
Median age of ED patients	53	48	73	48	63	53
Total cost of ED visits (\$)	36,700	26,800	9,900	11,100	25,600	5,902,800
Number of deaths*	2	-	2	-	2	366
Standard death rate (per100,000)*	7	-	8	-	11	9

HEART DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	3.84					5.13
Number of hospitalizations	305	59	246	181	124	30,831
Standard rate of hospitalizations (per100,000)	1,026	799	1,112	1,365	717	734
Median age of hospitalized patients	68	63	68	63	68	68
Total cost of hospitalization (\$)	6,636,800	1,129,500	5,507,300	3,520,700	3,116,100	969,122,700
Average length of hospital stay (days)	4	4	3	3	4	5
Number of ED visits	36	14	22	21	15	2,754
Standard rate of ED visits (per100,000)	123	179	100	155	84	66
Median age of ED patients	68	68	68	68	78	63
Total cost of ED visits (\$)	78,400	25,100	53,300	41,700	36,700	10,617,900
Number of deaths*	92	19	73	52	40	9,723
Standard death rate (per100,000)*	298	253	309	421	201	246

STROKE	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	1.9	.	.	.	.	2.38
Number of hospitalizations	178	54	124	75	103	14,317
Standard rate of hospitalizations (per100,000)	568	734	521	600	549	351
Median age of hospitalized patients	73	63	73	68	73	73
Total cost of hospitalization (\$)	2,746,900	879,700	1,867,200	1,424,500	1,322,400	279,819,700
Average length of hospital stay (days)	6	7	5	7	5	6
Number of ED visits	34	13	21	13	21	2,732
Standard rate of ED visits (per100,000)	111	165	87	96	114	67
Median age of ED patients	70	58	73	68	73	73
Total cost of ED visits (\$)	81,500	32,400	49,100	39,100	42,400	6,322,600
Number of deaths*	16	3	13	8	8	2,816
Standard death rate (per100,000)*	50	41	52	63	37	73

CHRONIC OBSTRUCTIVE PULMONARY DISEASE	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	92	26	66	37	55	14,524
Standard rate of hospitalizations (per100,000)	324	320	307	296	358	351
Median age of hospitalized patients	68	38	68	63	68	58
Total cost of hospitalization (\$)	942,900	208,900	734,000	451,600	491,300	198,700,700
Average length of hospital stay (days)	4	3	4	4	3	5
Number of ED visits	283	159	124	112	171	37,517
Standard rate of ED visits (per100,000)	1,077	1,995	658	924	1,221	914
Median age of ED patients	33	23	43	23	43	33
Total cost of ED visits (\$)	185,000	101,500	83,500	73,700	111,300	30,607,600
Number of deaths*	14	1	13	10	4	1,891
Standard death rate (per100,000)*	44	14	53	83	18	48

DIABETES	County					State
	Total	Blacks	Whites	Males	Females	Total
Prevalence (%)	8.35	.	.	.	.	8.33
Number of hospitalizations	71	47	24	31	40	8,652
Standard rate of hospitalizations (per100,000)	255	593	114	239	271	207
Median age of hospitalized patients	58	58	63	58	58	53
Total cost of hospitalization (\$)	895,200	577,600	317,600	396,300	498,900	127,167,500
Average length of hospital stay (days)	6	6	6	6	6	6
Number of ED visits	51	35	16	17	34	9,316
Standard rate of ED visits (per100,000)	183	440	72	131	228	224
Median age of ED patients	58	58	58	58	58	53
Total cost of ED visits (\$)	34,300	24,200	10,100	10,600	23,700	8,261,100
Number of deaths*	5	-	5	4	1	1,114
Standard death rate (per100,000)*	16	-	22	39	5	28

ALL CANCERS	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	153	68	85	47	106	24,644
Standard rate of hospitalizations (per100,000)	539	900	393	360	720	591
Median age of hospitalized patients	58	53	63	68	53	58
Total cost of hospitalization (\$)	3,243,900	1,196,500	2,047,400	1,402,200	1,841,700	605,119,300
Average length of hospital stay (days)	6	6	6	8	5	6
Number of deaths*	61	14	47	33	28	8,320
Standard death rate (per100,000)*	197	210	199	258	155	203

COLORECTAL CANCER	County					State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	21	10	11	11	10	2,113
Standard rate of hospitalizations (per100,000)	69	127	48	80	60	51
Median age of hospitalized patients	63	65	63	68	63	68
Total cost of hospitalization (\$)	669,900	367,700	302,200	373,100	296,800	80,248,200
Average length of hospital stay (days)	10	13	8	11	9	10
Number of deaths*	4	-	4	1	3	807
Standard death rate (per100,000)*	13	-	18	7	18	20

BREAST CANCER			County			State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	1,465
Standard rate of hospitalizations (per100,000)	16	25	13	.	29	35
Median age of hospitalized patients	73	65	78	.	73	63
Total cost of hospitalization (\$)	84,900	14,600	70,300	.	84,900	21,213,600
Average length of hospital stay (days)	5	2	8	.	5	3
Number of deaths*	7	1	6	-	7	630
Standard death rate (per100,000)*	21	12	24	-	36	15

CERVICAL CANCER			County			State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	222
Standard rate of hospitalizations (per100,000)	6	12	4	.	11	5
Median age of hospitalized patients	68	48	88	.	68	48
Total cost of hospitalization (\$)	11,200	6,900	4,300	.	11,200	3,668,300
Average length of hospital stay (days)	2	3	1	.	-	4
Number of deaths*	-	-	-	-	-	26
Standard death rate (per100,000)*	-	-	-	-	-	3

LUNG CANCER			County			State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	13	2	11	9	4	2,154
Standard rate of hospitalizations (per100,000)	42	26	46	73	25	51
Median age of hospitalized patients	73	60	83	83	68	68
Total cost of hospitalization (\$)	227,900	36,100	191,800	129,800	98,100	70,474,400
Average length of hospital stay (days)	5	5	5	4	5	9
Number of deaths*	23	3	20	13	10	2,481
Standard death rate (per100,000)*	75	44	85	101	58	60

PROSTATE CANCER			County			State
	Total	Blacks	Whites	Males	Females	Total
Number of hospitalizations	.	.	.	.	.	1,353
Standard rate of hospitalizations (per100,000)	13	11	13	30	.	32
Median age of hospitalized patients	73	63	73	73	.	68
Total cost of hospitalization (\$)	56,400	11,300	45,100	56,400	.	24,726,200
Average length of hospital stay (days)	8	8	8	8	.	4
Number of deaths*	2	1	1	2	-	478
Standard death rate (per100,000)*	6	11	4	14	-	12

\*Mortality data were provided by Division of Biostatistics, Office of Public Health Statistics and Information Systems, DHEC using ICD-10 codes.

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